

CLAIMS:

1. A low-pressure mercury gas discharge lamp comprising an inner bulb, which forms a gas discharge vessel and the wall of which is made of a material which is transparent to electromagnetic radiation and is coated with a phosphor, and comprising an outer bulb surrounding the inner bulb, the wall of which contains an UV-A phosphor, and comprising means for generating and maintaining a low-pressure mercury gas discharge.
2. A low-pressure mercury gas discharge lamp as claimed in claim 1, characterized in that the wall of the outer bulb comprises a coating containing the UV-A phosphor.
3. A low-pressure mercury gas discharge lamp as claimed in claim 1, characterized in that the wall of the outer bulb is made of a material containing a polymeric synthetic resin and the UV-A phosphor.
4. A low-pressure mercury gas discharge lamp as claimed in claim 1, characterized in that the UV-A phosphor is selected from the group formed by ZnS:Ag, YVO₄:Eu, Y(V,P)O₄:Eu, Y₂O₂S:Eu, CaSiO₃:Ce,Mn, CaSO₄:Ce,Mn, Y₂SiO₅:Ce,Mn, BaMgAl₁₀O₁₇:Eu,Mn and (Ba,Sr,Ca)₅(PO₄)₃Cl:Eu,Mn.
5. A low-pressure mercury gas discharge lamp as claimed in claim 1, characterized in that the UV-A phosphor is selected from the group formed by ZnS:Cu,Au; CaS:Eu; SrGa₂S₄:Eu, and Mg₄GeO₅.5F:Mn.
6. A low-pressure mercury gas discharge lamp as claimed in claim 1, characterized in that the inner bulb is tubular and bent.
7. A low-pressure mercury gas discharge lamp as claimed in claim 1, characterized in that the inner bulb is tubular and coiled.

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